

Department of Agriculture

**Budget Accountability Report #1 (Physical Report of Operation)**

**For the First Quarter of 2014**

**Agency: Philippine Center for Postharvest Development and Mechanization (PHilMech)**

Found source: Regular

KEY OR MAJOR PROGRAMS/ PROJECTS	MAJOR FINAL OUTPUTS (MFO)/ Performance Indicators (PIs)	Unit of Measure	PHYSICAL		REMARKS
			Rapid, Inclusive and Sustained Economic Growth		
			Target	Accomplishment	
<b>Operations</b>					
Research, Development and Extension Programs on Mechanization and Postharvest Generation and Dissemination of Postharvest Technologies for Grains and Commercial Crops	MFO 1 Agriculture and fishery support services delivered  1.5 Other infrastructure and postharvest development services  Postharvest research and development activities conducted				
	Continuing (on-going and continuing activities)	no. of continuing projects conducted	(16)	(16)	1. Evaluation of Cooking Qualities and Sensory Attributes of Parboiled Rice  2. Utilization of Biodegradable Composites Material in the Production of Fruit Bag

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				3. Ohmic Blanching of Selected Fruits and Vegetables  4. Utilization of Coconut Water Extracted from Matured Coconut  5. Utilization of Onion Solid Waste as Feedstock for Biogas Production (Phase I)  6. Development of a Pilot-Scale Processing System for the Production of Pectin from Mango Peels  7. Development of Web-based System and On-line Identification of Insects in Grains  8. Influence of Trichoderma Sp. In Preventing Postharvest Diseases in Shallot and Bulb Onions  9. Design and Development of Cassava Harvester  10. Toxigenic Potential of Fungal Species of Coffee Beans in the Philippines	

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				<p>11. Non-Chemical Approaches for Managing Postharvest Diseases of Tropical Fruits (Module 4-Papaya)</p> <p>12. Identification of Wolbachia Endosymbionts in Storage Population of Philippine Psocids and Mites</p> <p>13. Benchmark Studies on Postharvest Handling of Major Lowland Vegetables (a) tomato and bitter gourd ; b) sweet potato and eggplant)</p> <p>14. Establishment of benchmark information on postharvest and Mechanization of high value crops (aka Benchmark Studies: banana and onion)</p> <p>15. Cataloguing of Fungal Cultures and Collection</p> <p>16. Implementation of Quality Control Procedures in Microbiological Laboratory</p>	

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	Postharvest related information and communication technology activities conducted (e.g. information system/database developed / maintained . Enhanced, website maintained, ICT facilities upgraded or maintained)	no. of PH related information and communication technology activities	(4)	(4)	<p>1. Designs, implements and continuously improves information system plan (ISP) that will support the information needs of PHilMech</p> <p>2. Information Systems Management and Development in support to research, development and extension</p> <p>3. Regular maintenance of computer hardware and accessories, local area network, information systems, internet services including website, mails, and communication facilities</p> <p>4. Provision of technical assistance internally and externally on geographic information system, database management expert and decision system development and other related computer applications</p>

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	<b>1.6 Extension support, education and training services</b>  <u>On production and post-production technologies</u>  <b>Participants/ Extension Personnel Trained</b>  Female  Male	<b>total no. of participants</b>  no. of participants	    50  100	    87  170	
	<b>Training and training-related activities / events conducted</b>	<b>total no. of training &amp; training related events</b>			
	Training of Trainors (TOT) conducted:	no. of training course	1	2  a) Capability Enhancement Training for the Utilization of Feeds Pelletizer System for Organic Agriculture (16 pax (M-13; F-3) b) Organic Rice Enterprise Development Training (11 pax; M-2;F-9)	

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	Other training-related activities conducted:	no. of training-related activities conducted	9	14  1 - Skills training on the fabrication of Philmech developed technology 4 - Techno demo on Philmech coffee depulper 5 - Technical assistance on Philmech generated technologies to adopters, manufacturers and SUC  1 - Technical assistance on rice & HVC 2 - Technical Assistance on Technology Licensing requirements  1- National technical conference on Mech and PHT	
	<b>Information, Education and Communication Developed/ Disseminated</b>				
	Print	no. of copies	9,400	9,451 5,000 Philmech leaflets 3,000 Comics 1,000 Technical Bulletin #7 - Mango Peels as source of pectin	

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				200 materials prepared and distributed during exhibits	
				250 Printed Materials for Visitor 1 Billboard	
	Audio-visual media	no. of copies	3	1	
				1 Backdrop	
	Radio programs /TV plugs/Jingle	no. of radio promotions aired	1	1	
	Extension-related research and Continuing (on-going and continuing activities)	no. of projects	2	2  1. Development of Micro Enterprises using the MCSTD 2. Intensifying the Promotion and Adoption of PHilMech Generated Technologies	

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	Extension-related Information and Communication Technology (ICT) conducted (e.g. information system/database developed, ICT facilities upgraded/maintained, OPAPA)	no. of ICT activities conducted	1	1	GIS-Based Decision-Support System for Postharvest Development and Mechanization
<b>Support to Operations</b>					
Activities in Support of Research, Development and Extension Programs on Mechanization and Postharvest	MFO 3 Plans and Policies Developed, Implemented, Monitored and Evaluated  Output Indicators				



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	National Agriculture and Fishery Plans Formulated and Distributed		1	1 Strategic Plan 2013-2017 Philippine Agricultural Mechanization and Postharvest : Moving Towards a Globally Competitive & Sustainable Agriculture and Fishery Sector	
	<b>Evaluation Studies conducted</b>		(1)	(1) Assessment of the Rice and Corn Mechanization in the Philippines	
	<b>Reports (by type) disseminated</b>		5	11 1. PHilMech's Report re Plans for 2014-2015 and Accomplishment on the DA-RFU implemented Projects in Infanta, Quezon – for DA-RFU- CALABARZON 2. PHilMech's PHILMECH R&D Budget Utilization and Performance for BAR 3. Updating Of The Status Of Agriculture & Fisheries for BAR 4. PHilMech's 4th Qtr 2013 Accom Re Climate Change for ATI 5. Completed Tramlines On CY 2013 for DA-PMED	

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				6. PHilMech's CY 2013 Highlights Of Accomplishments for DA-PMED  7. Report for Region XI re CY2013 PHilMech Accom/ coordinated projects for DA Region XI  8. PHilMech's Projects Re Climate Change & Adaptive Tools, Equipment, Technologies for BAR  9. PHilMech's Projects re Child Labor Issues for DA-PMED  10. Report for Mam Lilia Bernardo Arangkada 2014 11. PHilMech's 4th Qtr Accom for PMED	

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Director IV

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